

Laboratory **Adept Pharma and Bioscience Excellence Private Limited,**
Plot No. 30 & 31, Survey No. 196-198, 1st Floor, Moosapet, Medchal
(D), Telangana

Accreditation Standard **ISO/IEC 17025: 2005**

Certificate Number **TC-7450** **Page 1 of 2**

Validity **22.06.2018 to 21.06.2020** **Last Amended on 04.07.2018**

Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
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CHEMICAL TESTING

I.	WATER			
1.	Drinking Water / Bore well Water	pH @ 25°C	IS 3025 (Part 11)	2 to 12
		Electrical Conductivity @ 25°C	IS 3025 (Part 14) ISO 7888	2 µmho/cm to 10000 µmho/cm
		Total Hardness as CaCO ₃	IS 3025 (Part 21)	2 mg/L to 500 mg/L
		Calcium as Ca	IS 3025 (Part 40)	2 mg/L to 250 mg/L
		Magnesium as Mg	IS 3025 (Part 46)	1 mg/L to 100 mg/L
		Nitrate Nitrogen as NO ₃	IS 3025 (Part 34)	1 mg/L to 100 mg/L
		Nitrite Nitrogen as NO ₂	IS 3025 (Part 34)	0.1 mg/L to 25 mg/l
		Fluorides as F ⁻	IS 3025 (Part 60)	0.2 mg/L to 5 mg/L
		Phosphorus as P	IS 3025 (Part 31)	0.5 mg/L to 50 mg/L
		Boron as B	IS 3025 (Part 57)	0.1 mg/L to 50 mg/L
		Iron as Fe	IS 3025 (Part 53)	0.1 mg/L to 50 mg/L
		Chemical Oxygen Demand	IS 3025 (Part 58)	10 mg/L to 150 mg/l
		Biochemical Oxygen Demand @ 27°C for 3 days	IS 3025 (Part 44)	4 mg/L to 50mg/l
		Hexavalent Chromium	IS 3025 (Part 52)	0.05 mg/L to 50 mg/L
		Acidity as CaCO ₃	IS 3025 (Part 22)	2 mg/L to 250 mg/L
		Silica as SiO ₂	IS 3025 (Part 35)	1 mg/L to 50 mg/L
		Oil & Grease	IS 3025 (Part 39)	2 mg/L to 50 mg/L
		Total Dissolved Solids	IS 3025 (Part 16)	10 mg/L to 5000 mg/l
		Sulphate as SO ₄	IS 3025 (Part 24)	2 mg/L to 500 mg/L
		Chlorides as Cl	IS 3025 (Part 32)	5 mg/L to 1000mg/l
		Alkalinity as CaCO ₃	IS 3025 (Part 23)	1 mg/L to 1000 mg/L
		Dissolved Oxygen	IS 3025 (Part 38)	1 mg/L to 10 mg/l

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Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
2.	Packaged Drinking Water	pH @ 25°C	IS 3025 (Part 11)	2 to 12
		Total Dissolved Solids	IS 3025 (Part 16)	10 mg/L to 1000 mg/l
		Total Hardness as CaCO ₃	IS 3025 (Part 21)	2 mg/L to 250 mg/L
		Alkalinity as CaCO ₃	IS 3025 (Part 23)	1 mg/L to 250 mg/L
		Chlorides as Cl	IS 3025 (Part 32)	5 mg/L to 250 mg/l
		Sulphates as SO ₄	IS 3025 (Part 24)	2 mg/L to 100 mg/L
		Calcium as Ca	IS 3025 (Part 40)	2 mg/L to 100 mg/L
		Fluoride as F ⁻	IS 3025 (Part 60)	0.2 mg/L to 5 mg/L
		Magnesium as Mg	IS 3025 (Part 46)	1 mg/L to 50 mg/L
II.	DRUGS & PHARMACEUTICALS			
A.	DRUGS SUBSTANCES (API)			
1.	Cetirizine Hydrochloride	Assay by Titration	Indian Pharmacopoeia	99 % to 101 %
2.	Fexofenadine Hydrochloride	Assay by HPLC	United State Pharmacopoeia	98 % to 102 %
		Identification-A by IR		4000 cm ⁻¹ to 600 cm ⁻¹
3.	Ketorolac tromethamine	Identification-A by IR	United State Pharmacopoeia	4000 cm ⁻¹ to 600 cm ⁻¹
4.	Tramadol Hydrochloride	Identification-A by IR	United State Pharmacopoeia	4000 cm ⁻¹ to 600 cm ⁻¹
5.	Loperamide Hydrochloride	Identification-A by IR	United State Pharmacopoeia	4000 cm ⁻¹ to 600 cm ⁻¹

***NOTE:** The Laboratory has demonstrated competence for the stated scope for **WATER**. This however **does not fully cover** the specification requirements of **BIS for the Packaged Drinking Water as per IS:14543** and the **Packaged Natural Mineral Water IS:13428**.